

SHIELDS 1-22 FEDERAL
SE SE 22-41N-1W COCONINO CO.

815

Form 9-331
Dec. 1973

RECEIVED

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY & G. COMM.
AUG 27 1982

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well gas well other

2. NAME OF OPERATOR
SHIELDS EXPLORATION COMPANY

3. ADDRESS OF OPERATOR
320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 990' fE1 & 330' fS1 of Sec 22,
AT TOP PROD. INTERVAL: same T41N-R1W
AT TOTAL DEPTH: same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Interim Report	<input type="checkbox"/>		<input type="checkbox"/>

5. LEASE
A-13137

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Shields Federal

9. WELL NO.
#1-22

10. FIELD OR WILDCAT NAME
White Sage Prospect

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 22, T41N-R1W G&SRBM

12. COUNTY OR PARISH | 13. STATE
Coconino | Arizona

14. API NO.
02-005-20024

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4928'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

At this time, the spud date of the Shields Federal #1-22 is indeterminate. You will be kept informed.

18. I hereby certify that the foregoing is true and correct

SIGNED Jay M. Shields TITLE President DATE August 24, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

815

RECEIVED
(May 1963)

AUG 4 1982

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions reverse side)

Form approved.
Budget Bureau No. 42-R1425

AKS

O & G CONS. COMM. APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK DRILL DEEPEN PLUG BACK

2. TYPE OF WELL OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

3. NAME OF OPERATOR SHIELDS EXPLORATION COMPANY

4. ADDRESS OF OPERATOR 320 Bellino Drive Pacific Palisades, CA 90272

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface 990' from East line and 330' from South line of
At proposed prod. zone Section 22, T41N-R1W, G&SRBM

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
10 miles East of Fredonia, Arizona

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
3160' SSE to LL
(Also to nearest drig. unit line, if any) 330' to DUL

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
8415' ENE to SF #4-24

9. ELEVATIONS (Show whether DF, RT, GR, etc.)
4928' GR

5. LEASE DESIGNATION AND SERIAL NO. A-13137
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Shields Federal
9. WELL NO. 1-22
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., N., OR BLK. AND SURVEY OR AREA 22, T41N-R1W, G&SRBM
12. COUNTY OR PARISH Coconino
13. STATE Arizona

14. NO. OF ACRES IN LEASE 640
15. PROPOSED DEPTH 500'
16. NO. OF ACRES ASSIGNED TO THIS WELL 10
17. ROTARY OR CABLE TOOLS Rotary
18. APPROX. DATE WORK WILL START August 15, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
10"	7"	14#	40'	15sx (to surface)
6 1/2"	4 1/2"	10.5#	400 - 480'	75sx (est.)

Drilling will be done with air. A 10 1/2" hammer drill will be used to 40' where 7" casing will be run and cemented. A 6 1/2" hammer drill will then be used to TD. Open hole testing is planned with continuous monitoring of the returns at the blowie line. While there was no observed pressure in the SF #1-24 or the SF #4-24 Wells during drilling, there will be a standby water supply available and a 4" line carrying returns away from the rig site. If indicated, well will be completed as proposed. All State and Federal Regulations will be observed.

JUL 19 1982
BAKERSFIELD

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

SIGNED Jay M. Shields TITLE President DATE July 16, 1982

PERMIT NO. 815 APPROVAL DATE _____
APPROVED BY J. P. Wagner TITLE Dist. Supervisor DATE 7-30-82

cc: D.M., O & G, Western Region
Oil & Gas Conservation Commission
Phoenix, Arizona
MMS, J. Stout, Ely, Nevada
SEE ATTACHED CONDITIONS AND REQUIREMENTS

DESIGNATION OF OPERATOR

The undersigned is, on the records of the Bureau of Land Management, holder of lease

DISTRICT LAND OFFICE:
SERIAL No.: A 10457 and A 13137

and hereby designates

NAME: SHIELDS EXPLORATION COMPANY
ADDRESS: 320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

A 10457 T41N- R1W
Sec. 23, E $\frac{1}{2}$; Sec. 24, A11; Sec. 25, A11; Sec. 26, E $\frac{1}{2}$.
T41N - R1E
Sec. 19, Lots 1,2,3,4 and E $\frac{1}{2}$ W $\frac{1}{2}$; Sec. 30, Lots 1,2,3,4 and E $\frac{1}{2}$ W $\frac{1}{2}$;
Containing 2558.12 acres, Coconino County, Arizona

A13137 T41N - R1W
Sec. 26, NW $\frac{1}{4}$; Sec. 27, NE $\frac{1}{4}$; Sec. 22, E $\frac{1}{2}$
Containing 640 acres, Coconino County, Arizona

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

SHIELDS 1981 PROGRAM
by Shields Exploration Company,
General Partner
by *John Shields*
John M. Shields, President
(Signature of lessee)

July 15, 1982
(Date)

320 Bellino Drive, Pacific Palisades, CA 90272
(Address)

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER RECEIVED

APPLICATION TO DRILL

RE-ENTER OLD WELL AUG 5 1982

SHIELDS EXPLORATION COMPANY

O & G CONS. COMM.

NAME OF COMPANY OR OPERATOR

320 BELLINO DRIVE PACIFIC PALISADES CALIFORNIA 90272

Address

City

State

JIM WILLIAM WELL DRILLING

Drilling Contractor

P. O. BOX 102 SKULL VALLEY ARIZONA 86338

Address

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor
Federal #A-13137

Well number
Shields Federal #1-22

Elevation (ground)
4928'

Nearest distance from proposed location to property or lease line:

3160 SSE to LL feet

Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:

8415 ENE feet

Number of acres in lease:
640

Number of wells on lease, including this well, completed in or drilling to this reservoir:
seven

If lease, purchased with one or more wells drilled, from whom purchased:

Name

Address

Well location (give footage from section lines)
990' from East & 330' from S lines

Section—township—range or block and survey
22 41N 1W G&SRBM SE SE

Dedication (Comply with Rule 105)
80 acres (see plat)
1/2 SE 1/4

Field and reservoir (if wildcat, so state)
Wildcat

County
Coconino

Distance in miles, and direction from nearest town or post office
10 miles East of Fredonia, Arizona

Proposed depth:
500'

Rotary or cable tools
Rotary

Approx. date work will start
August 15, 1982

Bond Status On file
Amount \$25,000

Organization Report
On file Or attached X

Filing Fee of \$25.00
Attached X

Remarks:

Plan to drill to approximately 500' using 6½" Hammer Drill with Air to TD. Open hole testing is planned with continuous monitoring of the returns at the blowie line.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the President of the SHIELDS EXPLORATION COMPANY (company), and that I am authorized by said company to make this report and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature

August 1, 1982
Date

Permit Number: 815

Approval Date: 8-5-82

Approved By: R. A. Ytana

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Application to Drill or Re-enter
File Two Copies

Form No. 3

(Complete Reverse Side)

- Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
- A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
- ALL DISTANCES SHOWN ON THE PLAT MUST BE FROM THE OUTER BOUNDARIES OF THE SECTION.
- Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO X
- If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES X NO _____. If answer is "yes," Type of Consolidation Limited Partnership
- If the answer to question four is "no," list all the owners and their respective interests below:

Owner SHIELDS 1981 PROGRAM	Land Description SW SE SE Section 22
(SHIELDS EXPLORATION CO.-OPERATOR)	T41N - R1W Coconino County, Arizona

22	Shields Federal #1-22 Elevation <u>4928</u>
	R 1 W 330'

CERTIFICATION	
I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
Name	<u>Jay M. Shields</u>
Position	<u>President</u>
Company	<u>Shields Exploration Co.</u>
Date	<u>7/16/82</u>
I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	<u>7-8-82</u>
Registered Professional Engineer and/or Land Surveyor	
<u>Philip T. Deak</u>	
Certificate No.	<u>25-4876 UT.</u>

PROPOSED CASING PROGRAM							
Size of Casing	Weight	Grade & Type	Top Surf	Bottom	Cementing Depths	Sacks Cement	Type
7"	15#	K-55	Surf	40'	40'	15	Class A Halliburton
4½"	10.5#	K-55	Surf	450'±	TD to Surf	75	
(if required for production)							



PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: SHIELDS EXPLORATION COMPANY
(OPERATOR)

to drill a well to be known as

1-22 FEDERAL

(WELL NAME)

located 990' FROM EAST LINE, 330' FROM SOUTH LINE (SE SE)

Section 22 Township 41 NORTH Range 1 WEST, COCONINO County, Arizona.

The S/2 OF SE/4 of said

Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 5th day of August, 1982.

OIL AND GAS CONSERVATION COMMISSION

By R. A. Yama
EXECUTIVE SECRETARY

PERMIT N^o 815

RECEIPT NO. 2293
API NO. 02-005-20024

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27

TEN FOOT SAMPLES ARE REQUIRED FROM SURFACE

August 6, 1982

Mr. J. M. Shields
Shields Exploration Co.
320 Bellino Dr.
Pacific Palisades, CA 90272

Re: Permit 814, Shields 1-19 Federal
Permit 815, Shields 1-22 Federal
Permit 816, Shields 1-23 Federal
Permit 817, Shields 11-24 Federal

Dear Mr. Shields:

Enclosed are approved application for permit to drill, permit,
and receipt for each of the above referenced wells.

If we can be of further service, please advise.

Sincerely,

R. A. Ybarra
Enforcement Director

/os
Enc.

SHIELDS EXPLORATION COMPANY
320 Bellino Drive
Pacific Palisades, California 90272
(213) 459-2490

CRK
RECEIVED
AUG 5 1982
O & G CONS. COMM.

August 2, 1982

Mr. A. K. Doss, Secretary
Arizona Oil and Gas Conservation Commission
1645 West Jefferson, Suite 420
Phoenix, Arizona 85007

Re: SHIELDS FEDERAL #1-19, T41N-R1E, Coconino Co., AZ
SHIELDS FEDERAL #1-23, T41N-R1W, Coconino Co., AZ
P/WB/S SHIELDS FEDERAL #1-22, T41N-R1W, Coconino Co., AZ
SHIELDS FEDERAL #11-24, T41N-R1W, Coconino Co., AZ

Dear Mr. Doss:

I would like to make formal requests for four (4) Drilling Permits for four (4) wildcat wells, the Shields Federal #1-19 to be drilled for oil in Section 19, T41N-R1E, and the Shields Federal #1-22 in Section 22, the Shields Federal #1-23 in Section 23, and the Shields Federal #11-24 in Section 24 - all in T41N-R1W, all in Coconino County, AZ.

In accordance with requirements of the Commission, I enclose the following forms and documents:

1. Shields Federal #1-19, #1-22, #1-23 and #11-24
 - a) Application for Permit to Drill including Survey Plat of Location by Phil Drake, R.L.S., Utah for the Shields Federal #1-19, #1-22, #1-23 and #11-24
 - b) Designation of Operator - SF #1-19, #1-22, #1-23, #11-24
 - c) Organization Reports - SF #1-19, #1-22, #1-23, #11-24
 - d) 4 Checks for filing fee (\$25.00 each) - SF#1-19, #1-22, #1-23, #11-24

On file in your office is a Performance Bond for \$25,000.

All of the above applications have been filed with John Wagner, USGS, Bakersfield, CA. I hope to get underway late August. I will be going down dip on these wells looking for permeability. The chances are excellent. How about coming up again when we drill through the zone?

I hope the well up Whittman way came through. Let me know if I can help.

Thanks for your good help and cooperation.

Best regards,

Jay M. Shields
Jay M. Shields
JMS/mm

Enclosures: For Shields Federal #1-19, #1-22, #1-23, #11-24

cc (2 each) Application for Permit to Drill and Survey Plats
cc (2 each) Designation of Operator
cc (1 each) Organization Report
Check for \$25.00 Filing Fee (1 each)

Total Enclosures: 32 (7 for each wellsite plus 4 checks)

SHIELDS 1981 PROGRAM
PACIFIC PALISADES, CA

DETACH AND RETAIN THIS STATEMENT
THE ATTACHED CHECK IS IN PAYMENT OF ITEMS DESCRIBED BELOW.
IF NOT CORRECT PLEASE NOTIFY US PROMPTLY. NO RECEIPT DESIRED.

DELUXE FORM WVC-3 V-2

DATE	DESCRIPTION	AMOUNT
8/1/82	Ck # 304: Arizona Oil & Gas Conservation Commission/ Filing fee for Shields Federal #1-22 <i>P/N 815</i> <i>2293</i>	\$25.00

ORGANIZATION REPORT

Full Name of the Company, Organization, or Individual

SHIELDS EXPLORATION COMPANY

Post Office Address (Box or Street Address)

320 BELLINO DRIVE, PACIFIC PALISADES, CA 90272

Plan of Organization (State whether organization is a corporation, joint stock association, firm or partnership, or individual)

CORPORATION

Purpose of Organization (State type of business in which engaged)

OIL & GAS EXPLORATION

If a reorganization, give name and address of previous organization.

If a foreign corporation, give (1) State where incorporated	(2) Name and post office address of state agent	(3) Date of permit to do business in state
	TITLE	POST OFFICE ADDRESS
JAY M. SHIELDS	PRESIDENT	ABOVE
MARGARET M. SHIELDS	SECRETARY-TREASURER	"
THOMAS L. MACLEOD	VICE-PRESIDENT	301 Bellino Drive Pacific Palisades, CA 90272

DIRECTORS NAME	POST OFFICE ADDRESS
JAY M. SHIELDS	AS ABOVE
MARGARET M. SHIELDS	"
JAY MICHAEL SHIELDS	"
NANCY ROBERTS deFARIA	1515 Lindacrest Dr., Beverly Hills, CA 90210
THOMAS L. MACLEOD	301 Bellino Dr., Pacific Palisades, CA 90272

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the PRESIDENT of the SHIELDS EXPLORATION COMPANY (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Signature: *Jay M. Shields*
 Date: 8/1/82

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Organization Report
 File One Copy
 Form No. 1